Work Ordei April-22-13 1:41.		00483		*100	1483*				Page 1
Revision ID:	23913-7 Rib	- ··· - · · ·		Accept	*N900040	100*	Setup Starr	ı Vı,	S1* S2*
Start Date: 4 Required Date: 4 Reference:	1/29/13 1/30/13	Start Qty: 2.00 Req'd Qty: 2.00	*2* *2*		Cust Item ID: Customer:	•			
- Approvals:	Process Pla		Date: 13:04-25	Tooling: SPC (Y/N):	Date:	- 	Run Star Stop	171	R1* R2*
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID Tool #	Plan Accept	t Reject Qty	Reject Number	Insp. Stamp
Draw Nbr		vision Nbr -							ı
D3913 100 *100* Large Fab Large Fab	В	Memo 1- Cut tube as p 2- remove identi	er dwg D3913 fication marks and debu	0.00			<u>-</u> 	me	13:08-28
110 *110* QC Quality Control		QC6- Inspect dimensions to Memo	drawing	0.00		Ø	13-0	ৼ৻৶ঀ৾	D AS 9
120 *120 Packaging		Identify as per dwg & Stock Memo	Location:	0.00		4x	SY	13.08	29

Packaging

											DQA:	Dat	e:			
NCR: Y	es	/ No				WORK ORDER NON-	COI	NFOR	MANCE / UPD	DATE	- O & CI 4.					
		<u> </u>		_		<u> </u>					QA Closed:	Dat	e:			
Vork Orde	.					DISPOSITION		AGAINST DEPARTMENT/PROCESS								
TOIR OIGE	٠					Rework	٦ ا		Skid-tube Crosstube			Water Jet	Engineering			
					Scrap	11		Machining	Small Fab	Pro	d. Eng. Coor.	Quality				
Us						Use-as-is]		noforming	Finishing	Rec/Stor	e/Packaging	Other			
NCR No.						Work Order Update			Large Fab	Composite]	Supplier				
Root	П	· ·			Descr	ription of work order update	T	nitial	Acti	 ion	Sign &					
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descri	iption	Date	Verification	QC Inspector			
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Landir (Bending			Г	Bend		Grain		[_	Ovalized	Γ	Pressure/Forced			
}	ᅴ	Centre No	t Cancar	atric to 1	~ -	BOM/Route	\vdash	Hardwa	are.	<u> </u>	Over/Under	tolerance	Temperature/Cure			
ાં 🕽 🕽	ᅴ	Cracks	it concer	itile to t	"' -	Broken/Damaged	\vdash	-	ion Incomplete	 -	Part Incorred	-	Weld			
j		Crushed/0	rimped		H	Burrs	┝	1 '	tions Incomplete/U	Inclear	Part Lost/Mi		Wrong Stock Pulled			
	_	Cuffs	Limped		 	Contamination	\vdash	Mainte	•		Part Moved					
		Heat Trea	t			Countersink	\vdash	Mislabe			Positioned V	√rong				
	-	Inspection	-	Tube	<u> </u>	Cut Too Short		Misread			Power Loss/	r	Other			
	$\overline{}$	Ripples in	•		<u> </u>	Drill Holes		Offset		<u> </u>		- L	•			
	Torque Waves in Extrusion Drawing						\vdash	-	Calibration							
		Turning S			<u> </u>	Finish		4								
	Wave/Twist in Tube Folio							Out of Sequence Outside Dimensions								

Wave/Twist in Tube

Folio

Work Ord		00483		*100483*							Page 2	
Item ID: Revision ID: Item Name:	D3913-7		-	Accept	*N900	<u>040</u>	100	*	Setup	Start Stop	14.21	
Start Date: Required Date Reference:	4/29/13 : 4/30/13	Start Qty: 2.00 Req'd Qty: 2.00	*2* *2*		Cust Item II Customer:	D:						
Approvals:	Process P		Date:	Tooling: SPC (Y/N):		nte:	- 		Run	Start Stop	*NR1* *NR2*	
Sequence ID/ Work Center I 130 *130* QC Quality Control	 D	Operation Description QC21- Final Inspection - Memo	Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Rejo Qty		Reject Insp. Number Stamp	

Q13.0530

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											_	QA Closed:	Da	ate:	
Work Orde						DISPOSITION				AGAINST DE	ΞP	ARTMENT/	PROCESS		
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						Use-as-is			noforming	Finishing	1		e/Packaging	\perp	Other
NCR f	No.					Work Order Update	İ		Large Fab	Composite	1		Supplie	r 🗌	
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Cause		Date	Step	Qty	- (or Non-conformance	Ch	ief Eng	Des	cription	4	Date_	Verification	on_	QC Inspector
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		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		4	Over/Under	tolerance		Temperature/Cure
		Cracks				Broken/Damaged	L	Inspecti	on Incomplete		Part Incorrect			Weld	
	Crushed/Crimped Burrs				Burrs		Instructions Incomplete/Unclear			1	Part Lost/Mi	ssing		Wrong Stock Pulled	
1	Cuffs · Contamination				\perp	Maintenance			-	Part Moved					
		Heat Trea	it		[Countersink	L	Mislabeled			Positioned Wrong		•		
		Inspectio	pection Strip in Tube Cut Too Short						1	ĺ	ı	Power Loss/S	Surge	1	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

April-22-13 1:41:26 PM

Work Order ID:

100483

Parent Item:

D3913-7

Parent Item Name:

Rib

Start Date: 4/29/13

Required Date: 4/30/13

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP Rev:A new issue DD 10.03.19 verified by:EC DD verf:EC

IPP Rev:B 11.01.17 chg qc5 to 6

	DD VCII.DC	_											
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
Square Tubing	÷ -:	Purchased	No	- . -		100	f	1,065.9843	1.594	3.355789 3.197	77	374	13:0828
				Location		Loc Oty	Lo	c Code					

m/26080

Location	Loc Qty	Loc Code	
W/A006	1065.984331		
118460	0.00001534		
122938	224.3		
123565	198.684316		
125062	643		

												DQA:	Da	ite:	
NCR:	⁄es	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UF	PDATE		QA Closed:	Da	ite:	
-												QA Closed:	Da	te.	
Mark Ord	. ż.					DISPOSITION			AGAINST DEPARTMENT/PROCESS						
Work Ord	٠					Rework	ור		Skid-tube	Crosstube	٦		Water Jet	_	Engineering
Part I	No.					Scrap	┨╏	1	Machining	Small Fab	1	Proc	d. Eng. Coor.	-	Quality
	10.					Use-as-is	┪ ╵		noforming	Finishing	1		e/Packaging	-	Other
NCR I	Vo.					Work Order Update	1		Large Fab	Composite	1	,	Supplier	-	
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Root		_			Descri	ption of work order update	П	Initial	A	ction	Т	Sign &			
Cause		Date	'Step_	Qty		or Non-conformance	Ch	nief Eng	Desc	cription	\perp	Date	Verificatio	n	QC Inspector
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Landi						General		J		_	٦.	o		_	Pressure/Forced
	—	Bending			_,	Bend	-	Grain		-	-	Ovalized Over/Under	talarana	\vdash	Temperature/Cure
	┝	Centre N	ot Concei	ntric to	^{0/S} -	BOM/Route	\vdash	Hardwa		-	-1	-		\vdash	Weld
		Cracks	<i>1</i> 0 : 1		<u> </u>	Broken/Damaged	\vdash	- 1 '	ion Incomplete	// / -	-	Part Incorred		\vdash	Wrong Stock Pulled
	-	Crushed/	Crimped		<u> </u>	Burrs	-	Instructions Incomplete/Unclear			_	Part Lost/Mi	22111R	<u> </u>	ANTONIS STOCK LANGO
	\vdash	Cuffs	_ •		-	Contamination	\vdash	Maintenance			Part Moved				
	\vdash	Heat Tre		T la a	<u> </u>	Countersink	\vdash	Missand			Positioned Wrong Power Loss/Surge		Other		
l .	1	inspection	ın Strip in	rupe	i i	Cut Too Short	i	Misread	J		!*	rower Loss/:	ouige		Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

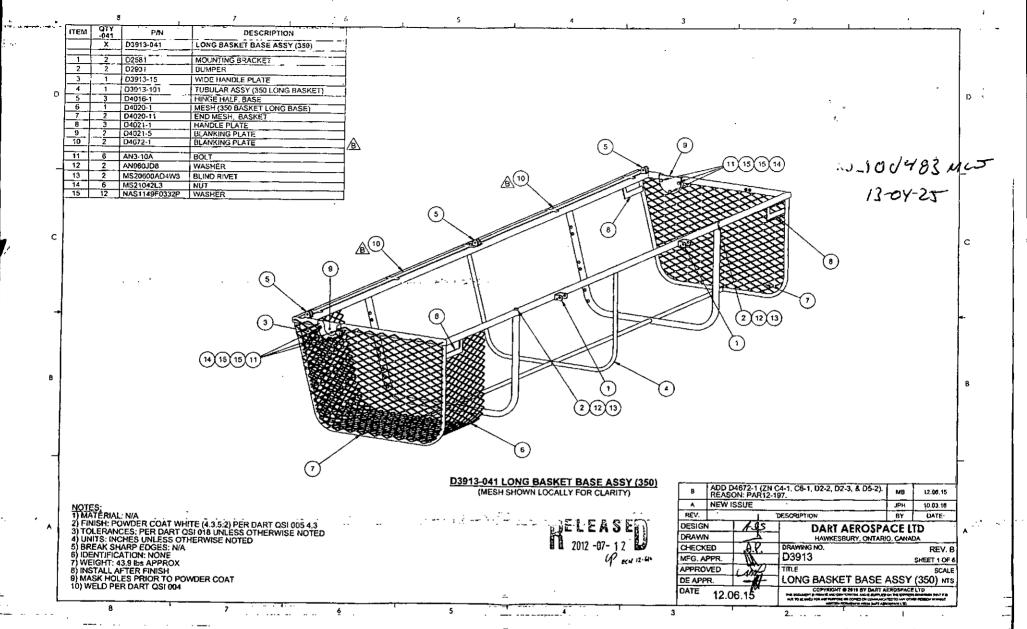
Torque Waves in Extrusion

Drill Holes

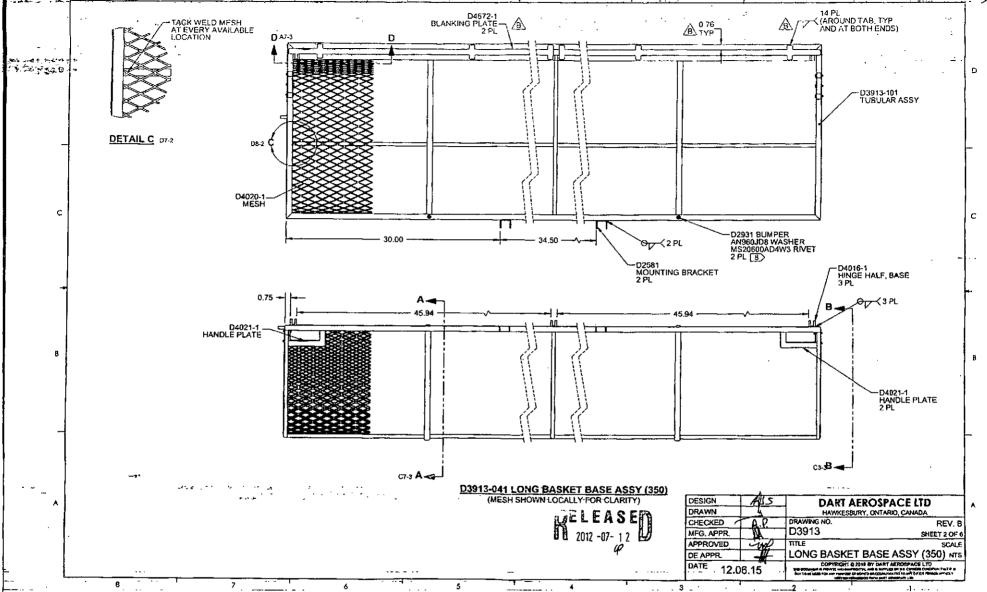
Drawing

Finish Folio

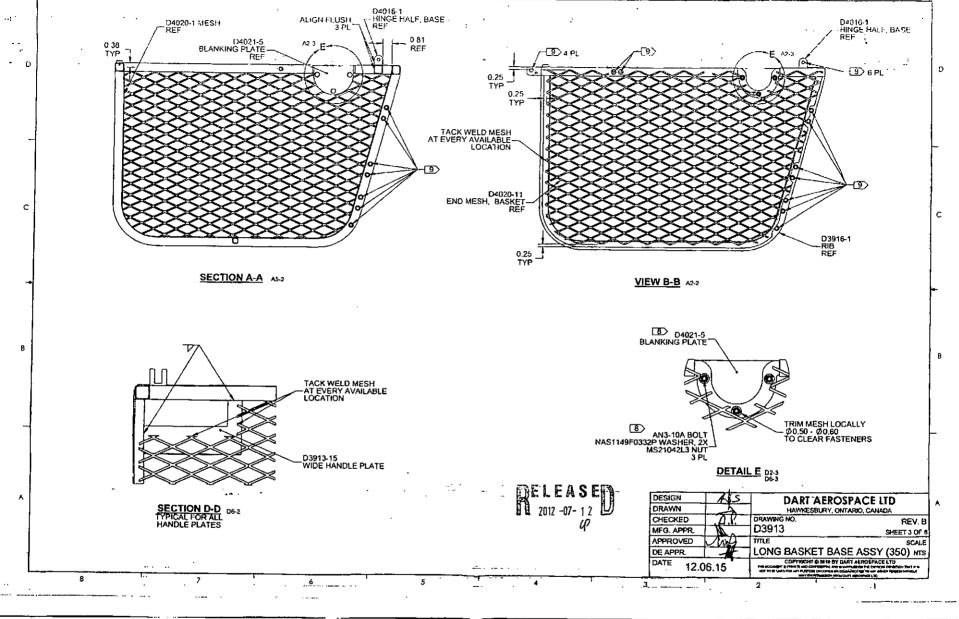
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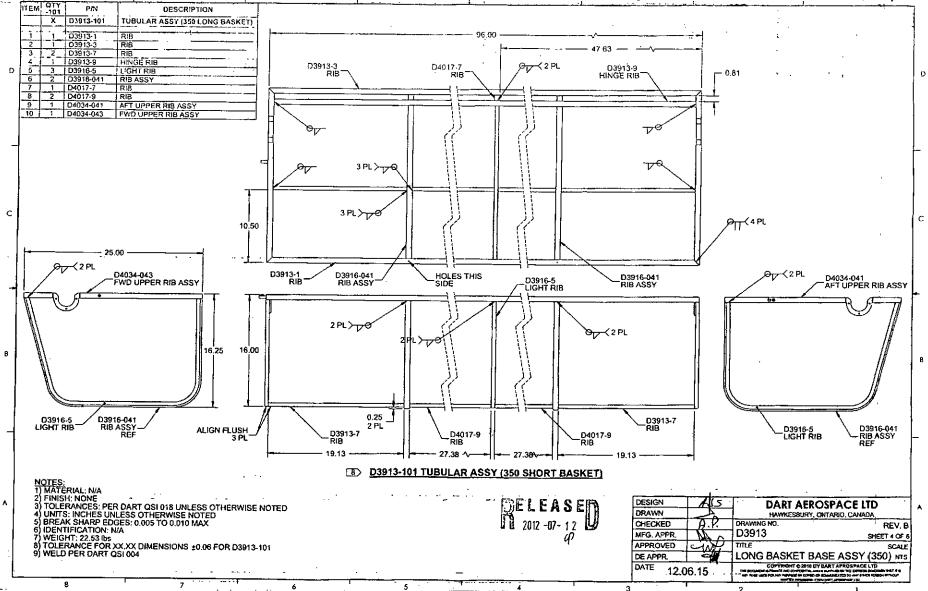
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D3913-9 HINGE RIB NOTES: 1) MATERIAL -1, -3, -9: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.049 WALL PER ASTM A554 OR ASTM A259 MILL FINISH REF DART SPEC. M304TS0.750W.049

96.00

94.50 REF D3913-1 RIB

94.50 REF

D3913-3 RIB

- 19.13 -

D3913-7 RIB

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2 PL

-7: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL PER ASTM A554 OR ASTM A269 MILL FINISH REF DART SPEC, M304TS0.500W,049

.6

RELEASED 2012 -07- 12

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DESIGN DRAWN CHECKED DRAWING NO. REV. B D3913 MFG. APPR. SHEET 5 OF 6 TITLE APPROVED SCALE LONG BASKET BASE ASSY (350) MTS DE APPR COPYRIGHT @ 2010 BY DART AEROSPACE LTD DATE 12.06.15

2) FINISH: NONE
3) TOLERANCES: PER DART OSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IVA
7) WEIGHT: SEE ASSEMBLED WEIGHTS

2) FINISH: NONE

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